

Philips 5000 series 24B2G5301/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 5000 series

Product code: 24B2G5301/00

Product name : 24B2G5301/00

Business monitor 24B2G5301 LCD monitor

Philips 5000 series 24B2G5301/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:

This monitor is built for energy efficiency. The LightSensor and PowerSensor 2 features combine to make a power-saving monitor that is equipped with many other assets designed to facilitate work tasks. Philips 5000 series 24B2G5301/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Adjustable height (max)	15 cm
LED backlight	✓	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	300 cd/m²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-5 - 35°
Anti-glare screen	✓	Picture-in-Picture	✓
Screen shape *	Flat	On Screen Display (OSD)	✓
Contrast ratio (typical) *	1500:1	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Contrast ratio (dynamic)	50000000:1		
Dynamic contrast ratio marketing name	SmartContrast		
Maximum refresh rate *	60 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.2745 x 0.2745 mm	Energy efficiency class (SDR) *	C
Pixel density	93 ppi	Energy efficiency class (HDR) *	Not available
Horizontal scan range	30 - 115 kHz	Energy consumption (SDR) per 1000 hours *	12 kWh
Vertical scan range	48 - 100 Hz	Power consumption (typical) *	14.18 W
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		
Display diagonal (metric)	60.47 cm		

Display		Power	
DDC/CI	✓	Power consumption (standby) *	0.3 W
Haze rate	25%	Power consumption (off)	0.3 W
Surface hardness	3H	Power consumption (PowerSave)	11.9 W
Colour gamut standard	NTSC, sRGB	AC input voltage	100 - 240 V
sRGB coverage (typical)	110%	AC input frequency	50/60 Hz
NTSC coverage (typical)	96%	Power supply type	Internal
Display sRGB	✓	Energy efficiency scale	A to G
Performance		Operational conditions	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	0 - 40 °C
AMD FreeSync *	✗	Storage temperature (T-T)	-20 - 60 °C
Component video sync	Separate sync, Sync-on-green (SOG)	Operating relative humidity (H-H)	20 - 80%
Flicker-free technology	✓	Operating altitude	0 - 3658 m
		Non-operating altitude	3658 - 12192 m
Multimedia		Weight & dimensions	
Number of speakers	2	Width (with stand)	540 mm
RMS rated power	6 W	Depth (with stand)	232 mm
Built-in speaker(s) *	✓	Height (with stand)	501 mm
Built-in camera *	✗	Weight (with stand)	5.61 kg
		Width (without stand)	540 mm
		Depth (without stand)	56 mm
		Height (without stand)	324 mm
		Weight (without stand)	3.89 kg
Design		Packaging data	
Market positioning *	Business	Package width	615 mm
Product colour *	Black	Package depth	139 mm
Front bezel colour	Black	Package height	385 mm
Feet colour	Silver	Package weight	7.84 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Stand included	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Cables included	AC, DisplayPort, HDMI, USB Type-C to USB Type-C
USB upstream port type	USB Type-C	Manual	✓
Number of USB Type-C upstream ports quantity	2		
USB Type-A downstream ports quantity	4		
USB Type-C downstream ports quantity	1		
USB Type-C DisplayPort Alternate Mode	✓		
USB Power Delivery (USB PD)	✓		
USB Power Delivery up to	100 W		
VGA (D-Sub) ports quantity	1		
HDMI *	✓		
HDMI ports quantity	1		
HDMI version	1.4		
DisplayPorts quantity	1		
DisplayPort version	1.4		
Audio output	✓		
Built-in KVM switch	✓		
KVM switch ports quantity	2		
HDCP	✓		
HDCP version	1.4		
Network		Sustainability	
Ethernet LAN	✓	Sustainability certificates	ENERGY STAR, EPEAT
		Doesn't contain	Mercury, PVC/BFR
		Other features	
		HBR3 support	✓
		Picture-by-Picture (PbP)	✓
		Exterior finish type	Textured
		Picture enhancement	SmartImage
		Recyclable packaging material	100%
		Regulatory Approvals	CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, UKCA, EMF, FCC, ICES-003
		Heavy metals free	Hg (mercury)
		Adaptive synchronisation	✓
		EasyRead mode	✓
		(cdm) Software / function	SmartControl
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	70000 h
		Recycling data	
		Post-consumer recycled plastic	85%



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Publication date: 27-MAR-2025. Prints or copies of Information are only valid on the printed Publication date